

### **REMARKS**

Claims 1-30 are now pending in the application. The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein.

Claims 1-6, 20, 24-26, and 30 stand rejected. Claims 7-19, 21-23, 27, 28, and 29 have been objected to. In accordance with the Examiner's suggestions, Claims 4, 9, and 29 have been amended to address certain informalities. Likewise, Claim 14 has also been amended to address a mere informality. The amendments to Claims 4, 9, 14, and 29 contained herein are commensurate in scope to those as originally filed, and should not be construed as narrowing amendments. Further, Applicants have amended Paragraphs 26, 47, 48, and 51 of the specification to address typographical errors.

Claims 1, 2, 4, 20-21, 23, 26, 29, and 30 have been amended to more particularly point out and distinctly claim the present invention. Support for the amendments to these claims is found in Applicants' specification at Paragraphs 11, 16, 23, and 26, for example.

The Examiner is respectfully requested to enter these amendments and to reconsider and withdraw the rejections of the claims in view of the amendments and remarks contained herein.

## **REJECTION UNDER 35 U.S.C. § 102**

Claims 1-6, 20, 24, 25, 26, and 30 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Chen et al. (U.S. Pub. No. 2003/0129126). This rejection is respectfully traversed.

Independent Claims 1, 20, and 30 have been amended to recite a common feature of the hydrogen-containing starting materials containing a complex hydride. The complex hydride includes compounds such as alanates and borohydrides. Dependent Claims 2, 4, 21, 23, and 26 have been amended to provide proper antecedent basis in light of the aforementioned amendments made to independent Claims 1, 20, and 30.

The Chen reference discloses various reactions to store hydrogen; however, the Chen reference does not disclose reacting two hydrogen-containing storage materials to form a residue, where at least one of these materials is a complex hydride. The residue can be, for example, an imide that is formed from reaction of an amide and a complex hydride, such as is recited in Claims 3-5, 8-14, and 16-18, for example. The Chen reference only discloses the use of simple hydrides (*i.e.*, lithium hydride (LiH) at Paragraphs 43 and 49, for example, and calcium hydride (CaH<sub>2</sub>) at Paragraph 68, for example) in reactions with amides or other hydrogen containing compounds. There is no disclosure, suggestion, or motivation to provide complex hydrides that react with other hydrogen containing starting materials, such as an amide. As such, Chen does not anticipate or render independent Claims 1, 20, and 30 obvious. Thus, Claim 1 and its dependent Claims 2-19; Claim 20 and its dependent Claims 21-29; and Claim 30 are not anticipated nor are they rendered obvious by the Chen reference. Accordingly,

Applicants respectfully request withdrawal of the rejection and reconsideration of these claims.

#### **ALLOWABLE SUBJECT MATTER**

The Examiner indicated that claims 7-19, 21-23, 27-29 would be allowable if rewritten in independent form. Applicants thank the Examiner for the thorough examination of the claims and the indication of the allowable subject matter in the above claims. Based upon the amendments to independent Claims 1, 20, and 30 discussed above, Applicants believe that Claims 7-19, 21-23, 27, 28 and 29 should now be in condition for allowance.

#### **CONCLUSION**

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully Submitted,

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